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### AMENDMENTS TO THE CLAIMS

Claims 1-5 (cancelled)

Claim 6 (currently amended) An unleaded ~~EPA-compliant~~ gasoline pump fuel ~~which provides total emissions no higher than those allowed under CARB regulations for Clean Burning Gasolines (CBG), Title 13 California Code of Regulations, Sections 2260 et seq.,~~ which has the following properties:

T <sub>10</sub> , °F	<= 140
T <sub>50</sub> , °F	> 215 = < 220
T <sub>90</sub> , °F	< 330
RVP, psi	<= 7.0
S, ppmw	<= 50
Oxygen, wt%	<del>&lt;= 3.5</del> 1.5 - 2.9
Aromatics, vol%	<= 35
Olefins, vol%	<= 10
Benzene, vol%	<= 1.0
Paraffins, vol. pct.	<= 75
API°	>= 59
RVP, psi	<del>6.6 - 7.0</del>

Claim 7 (currently amended) A The fuel according to claim 6, 10, 16, 17, 18 or 19 which has a RVP of 6.6 psi maximum.

Claim 8 (currently amended) A The fuel according to claim 6, 10, 16, 17, 18 or 19 which has a T<sub>50</sub> ~~of from 215°F to 218°F~~ and a RVP of 6.6 to 6.9 psi.

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Claim 9 (currently amended) A The fuel according to claim 6, 10, 16, 17, 18 or 19 which also possesses at least one of the following properties property:

T <sub>90</sub> , °F	<del>315-330</del> <u>315-325</u>
S, ppmw	<del>≤ 35</del>
Oxygen, wt%	<del>≤ 2</del>

Claim 10 (currently amended) A An unleaded gasoline pump fuel according to claim 6 which possesses has the following properties:

T <sub>10</sub> , °F	≤ 140
T <sub>90</sub> , °F	315 - 330
S, ppmw	≤ 35
Oxygen, wt%	<del>≤ 2</del> <u>1.5 - 2.9</u>
Aromatics, vol%	≤ 35
Olefins, vol%	≤ 10
Benzene, vol%	≤ 1.0
Paraffins, vol%	≤ 75
API°	≥ 59
<u>RVP</u>	<u>≤ 7</u>

Claim 11 (cancelled)

Claim 12 (currently amended) A The fuel according to claim 9 6, 10, 16, 17, 18 or 19 which has an octane rating of 92 to 93 (R+M)/2 and an aromatics content of 12 to 20 vol percent and a benzene content of not more than 0.80 vol%.

Claim 13 (currently amended) A The fuel according to claim 9 6, 10, 16, 17, 18 or 19 which has an octane rating of 87 (R+M)/2 and an aromatics content of 12 to 20

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vol percent and a benzene content of not more than 0.70 vol% and an olefin content of 2 to 10 vol%.

Claim 14 (currently amended) A The fuel according to claim 9 6, 10, 16, 17, 18 or 19 which has a sulfur content of not more than 25 ppmw.

Claim 15 (cancelled)

Claim 16 (new) An unleaded gasoline pump fuel which has the following properties:

T <sub>10</sub> , °F	<= 140
T <sub>50</sub> , °F	> 215 = < 220
T <sub>90</sub> , °F	315 - 330
RVP, psi	<= 7.0
S, ppmw	<= 50
Oxygen, wt%	<del>&lt;= 3.5</del> <u>1.5 - 2.9</u>
Aromatics, vol%	<= 35
Olefins, vol%	<= 10
Benzene, vol%	<= 1.0
Paraffins, vol%	<= 75
API°	>= 59

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Claim 17 (new) An unleaded gasoline pump fuel which has the following properties:

T <sub>10</sub> , °F	<= 140
T <sub>50</sub> , °F	> 215 = < 220
T <sub>90</sub> , °F	< 330
RVP, psi	<= 7.0
S, ppmw	<= 50
Oxygen, wt%	<= 3.5
Aromatics, vol%	not more than 28
Olefins, vol%	<= 10
Benzene, vol%	<= 1.0
Paraffins, vol. pct.	<= 75
API°	>= 59

Claim 18 (new) An unleaded gasoline pump fuel which has the following properties:

T <sub>10</sub> , °F	<= 140
T <sub>90</sub> , °F	315 - 330
S, ppmw	<= 35
Oxygen, wt%	<= 2
Aromatics, vol%	not more than 28
Olefins, vol%	<= 10
Benzene, vol%	<= 1.0
Paraffins, vol%	<= 75
API°	>= 59
RVP, psi	<= 7

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Claim 19 (new) An unleaded gasoline pump fuel which has the following properties:

T <sub>10</sub> , °F	< = 140
T <sub>50</sub> , °F	> 215 = < 220
T <sub>90</sub> , °F	315 - 330
RVP, psi	< = 7.0
S, ppmw	< = 50
Oxygen, wt%	< = 3.5
Aromatics, vol%	not more than 28
Olefins, vol%	< = 10
Benzene, vol%	< = 1.0
Paraffins, vol%	< = 75
API°	> = 59